

## ASSAY WITH REDUCED BACKGROUND

### ABSTRACT

In as assay, an analyte is specifically associated with a reporter adenylate kinase, ADP is added and then formation of ATP is monitored. Prior to addition of ADP, adenylate kinase other than reporter adenylate kinase is removed. Assay apparatus comprises a solid phase on which is immobilised the analyte or an antibody specific for the analyte, a reporter composition comprising a thermostable adenylate kinase coupled to an antibody specific for the analyte, and ADP plus associated reagents for conversion of ADP into ATP by thermostable adenylate kinase.